

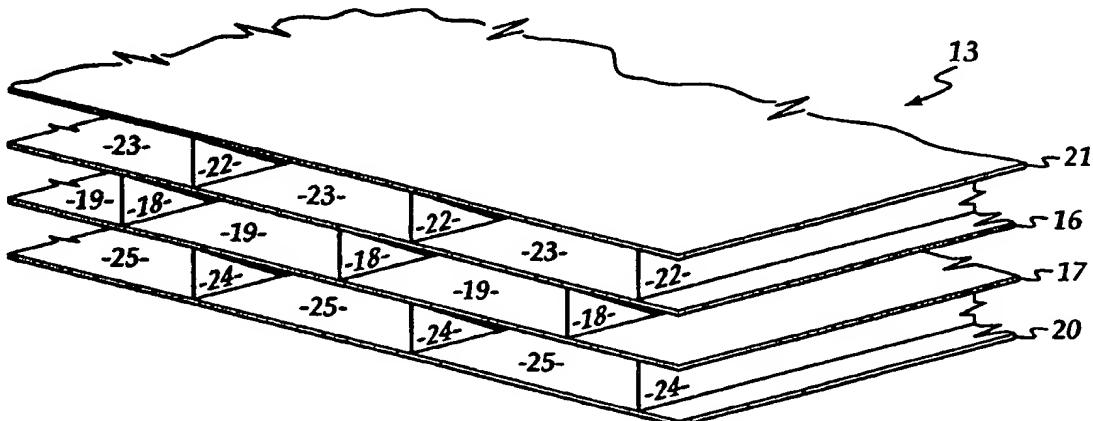


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## (54) Title: HEAT EXCHANGE ASSEMBLY



## (57) Abstract

A roofing panel (13) incorporating a heat exchange assembly is described, the roofing panel including: an internal fluid passageway (51) formed between a pair of spaced substantially parallel internal sheets (16, 17) for the passage therethrough of a fluid; respective external passageways (52, 53) formed between each internal sheet and a respective external sheet (21, 20) spaced from and substantially parallel to a respective internal sheet, and spacing ribs (18, 22, 24) between the sheets and forming with the sheets a plurality of fluid conduits (19) within the fluid passageway and a plurality of external conduits (23, 25) within the external passageways; wherein the panel is sealed at the sides thereof by the spacing ribs and is open at the ends thereof to provide access to the conduits which extend from one end of the panel to the other end thereof.